

SEQUENCE LISTING

(1) GENERAL INFORMATION:

5 (i) APPLICANT: Mundy, Gregory R.
Gallwitz, Wolfgang E.

(ii) TITLE OF INVENTION: SCREENING ASSAY FOR THE IDENTIFICATION OF AGENTS
WHICH INHIBIT CANCER METASTASIS TO BONE

10 (iii) NUMBER OF SEQUENCES: 1

(iv) CORRESPONDENCE ADDRESS:

(A) ADDRESSEE: Arnold, White & Durkee
(B) STREET: P.O. Box 4433
15 (C) CITY: Houston
(D) STATE: Texas
(E) COUNTRY: USA
(F) ZIP: 77210

20 (v) COMPUTER READABLE FORM:

(A) MEDIUM TYPE: Floppy disk
(B) COMPUTER: IBM PC compatible
(C) OPERATING SYSTEM: PC-DOS/MS-DOS
(D) SOFTWARE: PatentIn Release #1.0, Version #1.30

25 (vi) CURRENT APPLICATION DATA:

(A) APPLICATION NUMBER: US Unknown
(B) FILING DATE: Concurrently Herewith
(C) CLASSIFICATION: Unknown

30 (viii) ATTORNEY/AGENT INFORMATION:

(A) NAME: Highlander, Steven L.
(B) REGISTRATION NUMBER: 37,642
(C) REFERENCE/DOCKET NUMBER: OSTS:002PZ1

35 (ix) TELECOMMUNICATION INFORMATION:

(A) TELEPHONE: 512/418-3000
(B) TELEFAX: 512/474-7577

40 (2) INFORMATION FOR SEQ ID NO:1:

(i) SEQUENCE CHARACTERISTICS:

45 (A) LENGTH: 4348 base pairs
(B) TYPE: nucleic acid
(C) STRANDEDNESS: single
(D) TOPOLOGY: linear

50 (xi) SEQUENCE DESCRIPTION: SEQ ID NO:1:

AGGATCCCAT CAGCTTGATG CATATCTATA CACTCCTCCC TGAGGCAGTT CCTCCAGAGG

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	TTAGCAGCCC	GCCCTGTTCC	TGGAGAAGTC	TTATCCTCAC	CTAACTACAA	AAAGCATT	120
	ATAAAGAAAC	ACACCCTTTC	CTATTGTTAC	TTGGGGTTG	AAGGCATTAC	ATCTTTTT	180
5	CTTTTTGCT	ACCTTGAGGT	CAGCTGGCAA	CAGCCTCCTC	TCAAGTCTCA	GTCCAGGCGA	240
	GCGATGAGAG	CCACATTCTA	ATGGAATCCA	ATGAGAGCAT	TACTTGAGCT	GATTATGCAA	300
10	CGTCTCTTG	TAAACATTGA	AAAAAGTTG	GAGAAGAGAT	GGGATGAGTT	TAGTTGTTG	360
	GTTCCAGGGG	ATTTAGAGA	CATACGTTGC	AGCTACAGAT	TGGTAAATGT	GAAATCTGGA	420
	TGCTTATTGG	TAATAAGAGA	ATTCCCAAGC	CCAGGTGCAC	TGTTTAAAGT	GCTATAGATT	480
15	CATATTTGGT	TTATAATGTA	TATCTGTTG	CTGTTGGGT	TAAGGAGGAA	AGAAGAAAGA	540
	AGGATGAAGA	GGCTAAGCAT	AAATGCTATT	TACTTTTTC	TAAGCTATGA	CAGGAGATAT	600
20	ACATTAAC	GGTATTCAAC	TGAATTAAAG	AGTAATGCAT	TTAAAATTT	TTCAACCTCT	660
	ATTAAAATTT	GATATACTGT	AATAAACTGC	CACTGGGGAT	GGGAAGATGG	AAGCCTGGTG	720
	CTCATGGGCT	AGGCATTG	GTAGGTGTAG	ATCTTATAAT	GCTAAACATG	GAAATACTTC	780
25	AGATTAGAGG	CAGGCCTCCC	ATTTGCTAAG	GTGCATTAC	ATGACAGCAA	GGCCTAAGCA	840
	AACATTTAGC	TTCTATTGGC	ACTTGTTCTA	TTTCTAAACC	TTAGAAAAAA	GGTGTGTGTG	900
	TGGGCTGGGG	GGACGGGGGG	GGGAGGGAGG	TGGTAGGGGG	TGCTCTTGCT	GTGTCTCATT	960
30	TGCAGTCATG	CATCCTCTGC	ATTATTATGA	TGGAGATTAC	TCAGTTATGT	TAGGAAC	1020
	ATTATGATGT	CAGAAAATAT	CCTTTCCAAA	ACAGGCAAAA	AGTCAGGGTC	CTGGGTATAT	1080
35	ATTGAGGAGA	ATTCTACGG	AAAGTAATAA	ACAGGGCAGC	TTGGAAGAGG	TACCTGCTT	1140
	CTAATAATTG	CCTTTAGTGG	GAACAGAAAGT	CTCCTTTCAA	GAAGCTTTA	ATTCA	1200
	AGATTTATTT	TTATGTTTC	TGAAGAACAA	CAAAAAATAT	TTCTGGAAA	GACTGCTGAG	1260
40	AAGATTTCCC	TCTTCAGCC	AGAAGAGCAG	AGAGAACAGATT	GTAAATCAAG	GAAAAGGTGA	1320
	AGTAATAAT	TAGGAGGGAA	CTTTGGTATT	CCGAGTATAT	AAAGACTATT	TATTTTCCT	1380
45	GTGTCTATAT	TTTCTCTTT	TGTGGAGGAG	AGGAAATTCT	AAAAATATT	GATAGATGTT	1440
	TTGCCATTAA	CACCAGAAAA	GTGTGTGGGG	AAAAAGAAAG	GAGGGAAAGGA	GTGGGGGGTT	1500
50	AATTTGTTT	AATTAGTAGA	AAAAGCAACA	TAAATCAAAG	CAGTCTATTG	ATGCCAGTCC	1560
	TTAATTATA	ATGTTCTGAA	AGTAAAGTGA	ATTTATTAC	AACATAAGTG	ATTGATAAT	1620
	TTCAATTGA	TTTTGTTTT	AACCTTCTAT	TGGGAGAAGG	GTTGACTTT	TAAAGCCTGG	1680

	ATAGTTGAA ACTTGGCTAG GTACCTTGA CTTTTTATTG TGGAAGCAAA TATTATCATT	1740
	TCAATGTTAA ACAACTTGCA AGTATTAAAT GGCTCATTG TGATTGACTT TTTTTTTTT	1800
5	TTTTTTTTT TTTTACAGAT TTCCCCCTTC AGATCTAACG ATTACATTAG GGCTCCTGCA	1860
	TCTTTTGGA AGGATTCTTT TTATAAATCA GAAAGTGTTC GAGGTTCAAA GGTTGACATT	1920
10	TCTGAGTGCT GATACTTTGT CCTTCATAC TATCAAACA AGTCTAACAT TTAGAAATCC	1980
	TTACACATTC AAGGGAAGTT GTGGAAATTC CCAGAGAGAG AGTGTGTGTG TGTGCGTGTG	2040
	TGTGTTTGG TTTGTTTG CTTTTTTCT TTGTTAGTGA GAAGAAGCCG AGTCTTTAA	2100
15	GGTACGGGGT TTACAGTAAT GAACTGAGGA AGGCAGGAGG CTTCTAAGAA AATATGCC	2160
	CCCACCCAAAC CTAAGCAGTA AACTTTAATC GCTAGCTAGC TGCAGTGAAC CAGTGGAGC	2220
20	CCCGATGAGC GAGGGTCTCG GTGACAGCGT GCTATTCTC CCACCCCTGGG TAAAATATGT	2280
	GGAGCATCAC CGGGAAAGTC GGGCTTGATA AAGGCCACAT TCCTTGAATC ATCTCAAGAA	2340
	TCTAAATCAC ACTAGCCTTC TAGAAACTAA TGAACCCCTAC CAGCAGGATT GCCTAGAAGA	2400
25	CAAATATCCC TTGAATGGTT CCCAGTCCAC TCGCGCTCTT TTCAAAAAGT TAGAGGAGCC	2460
	CTGGGGAGGG TATCCACTCC CGCTGCAATC CTTCCCTAGA TGACTACTACC CAGTAATTCC	2520
	GAGCAGTCTT TCTTCCCCGC CCATTAGCTT TGGAAAGAAC CTCGGCTTTC CCGTCGCTTC	2580
30	TCCCAGGCAG AGCAGCACAT AACCATAGTT CCACTGCATC TGTCCGCTGG CTGCAGCGAC	2640
	TCGGATACAG TCTTCCAAGA ATCTGTAACC TGGGACTTTT GAGGGGGAGG GGACAAGCAG	2700
35	GTAGGGTATC AGAGAAAGGA TGGGTTAGAC TCCCGACCAC GAGTGAAAAG GGCCGTGTGC	2760
	GTGCTCCAGG AGTGTGGTC CCCCTCTGCA ATTCAAAAGG GGGATCTCTC CTGTGCGCGG	2820
	GTTTTTGGG ACCGGCTCCA GATGTCTCCC AGCAGTTCTG AACAGCAAA AAGTGAATT	2880
40	TAGATATGAA ATCTGGAACG GTTTTGTTC TTCTAAGCAA AAGATCTCCC TCTCTCTAGC	2940
	CGATGCTCCC CACTCAGTTC ATCCCGGGAA TGGGCCAGGG AGGAAGGTTC TCATGCATCG	3000
45	CCCCGAGCTG CCAGGGCGAGC TTCGGGCTCC TTAAATTACAG AGGCCAACAG CCCGCGTCCT	3060
	CTCCGCGCAG GCTCCCGGTT GCCCGCGGTC CCCGGCCAG CTCCCTGGCC TCCTCCTCGT	3120
	CGGTCCGCCCGG CTGGTGGTCT TGGCGCCCGC TCGTCCAGCT CGGCGCGCCG GGGACCGCCG	3180
50	GCTGCCCGGG GCAGTCCGCA CGCCCTCGGG GATCTGGCT CCCGGATCCG CGCGGCCGGC	3240
	AGGAGCCGGC CGGGCCTGGA GGGAGCAAGC GGATGCGCCC ACGCCCCCGG CACGGGGATG	3300

	GCGCGACAGG	GCCCCGGCTC	CGGGGTGGGG	CTCGGCAGAG	CTCCTGACAG	CTCCGGGGCT	3360
	CGGCAGCGCG	GGAGGGGGGA	GCTCCGCCGC	TCGCCGCTCA	TTCCCGGCTC	GGGGCTCCCC	3420
5	TCCACTCGCT	CGGGCGGCCG	GGGGCCCCGTT	CGGGCCGCC	GTGCGCCGCC	CCGCCCCCCC	3480
	CGCGCCCGCC	CGCCAGCCCG	CCTGCGCCCT	CGCTCGCCCC	GCGCGCGTTC	CTAGGGCGCC	3540
10	ACCTCTTGC	GACTAGCTCA	CTTCTCCGGC	AGGTTTGCCT	CGGAGCGTGT	GAACATTCC	3600
	CCGCTCGGTT	TTCAACTCGC	CTCCAACCTG	CGCCGCCCGG	CCAGCATGTC	TCCCCGCCCG	3660
	TGAAGCGGGC	TGCCGCCTCC	CTGCCGCTCC	GGCTGCCACT	AACGACCCGC	CCTCGCCGCC	3720
15	ACCTGGCCCT	CCTGATCGAC	GACACACGCA	CTTGAAACTT	GTTCTCAGGG	TGTGTGGAAT	3780
	CAACTTTCCG	GAAGCAACCA	GCCCACCAGA	GGAGGTAGAC	AGACAGCTAT	GTATATATAT	3840
20	GTGGGTTTCG	CTACAAGTGG	CTCTGGAACG	AAAGGGCCTG	GTTCGCAAAG	AAGCTGACTT	3900
	CAGAGGGGGGA	AACTTTCTTC	TTTTAGGAGG	CGGTTAGCCC	TGTTCCACGA	ACCCAGGAGA	3960
	ACTGCTGGCC	AGATTAATTA	GACATTGCTA	TGGGAGACGT	GTAAACACAC	TACTTATCAT	4020
25	TGATGCATAT	ATAAAACCAT	TTTATTTTCG	CTATTATTTC	AGAGGAAGCG	CCTCTGATT	4080
	GTTCCTTTT	TCCCTTTTG	CTCTTCTGG	CTGTGTGGTT	TGGAGAAAGC	ACAGTTGGAG	4140
	TAGCCGGTTG	CTAAATAAGT	AAGTGCTGAG	AGGCTCCAGA	GAAATTTTT	TTCTTTCAA	4200
30	CTTGGGAGAT	GCCCTTGATG	TTGAAGAGGC	TTTTGAGAG	CGGGCTAAA	AGGGGGAGCG	4260
	GAGTAGTGCG	GGGAGATGGA	GAGTCCTGAC	TGACACCTCG	GGTCCCATTC	CCTCTGTTG	4320
35	CAGGTCCCGA	GCGCGAGCGG	AGACGATG				4348